

Claims

1. A method for producing a solution having lubrication properties intended to be used preferably as an additive as a concentrate blended to a liquid, such as a liquid fuel, characterized in that a boric compound such as boric acid and/or bortrioxide is dissolved in a solvent in the form of an alcohol and/or water or liquid hydrogen, the borate ions being in a homogeneous phase together with the solvent, which as a solution in stable conditions is made to have a high concentration of borate and that the mixture is stirred and/or shaken to dissolve the boric compounds at the same time as the dissolving time is accelerated by using heat, whereby the alcohol content exceeds 96%, the solution being used as an additive to the actual liquid, which in this way receives friction reducing, lubricating and corrosion inhibiting characteristics.

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2. A method according to claim 1, characterized in that the mixture is shaken with mechanical elements added to further accelerate the dissolving of the boric compound in the solution by warming up or with aid of a combination thereof.

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3. A method according to claim 1, characterized in that the addition of the boric compound in the solution makes a solution with a borate concentration exceeding 250,000 ppm or more.

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4. The use of a solution made according to claim 1 as an additive to a fuel in a blending, depending to the

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type of fuel, gives a concentration of boric compound in the range of 10 to 1,000 ppm.

5. A solution made as an additive according to any
5 of the preceding claims, characterized in that a boric compound in the form of a boric acid and/or bortrioxide is brought into a solvent.

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